| <b>Work Orde</b><br>November-30-12          |                       |                                    |                        | *92                 | 1091*                 |              |              |               |               | Page 1           |                       |
|---|-----------------------|------------------------------------|------------------------|---------------------|-----------------------|--------------|--------------|---------------|---------------|------------------|-----------------------|
| Revision ID:                                | D4030-043 Long Basket | Assembly, Light Lid (35            | 0)                     | Accept              | *N900                 | <b>1</b> 040 | 100          | <b>)*</b> s   | Setup Star    | 1 71             | S1*<br>S2*            |
| Start Date:<br>Required Date:<br>Reference: | 11/30/12<br>12/14/12  | Start Qty: 1.00<br>Req'd Qty: 1.00 | *1*<br>*1*             | CALLE               | Cust Item<br>Customer |              |              |               |               |                  |                       |
| Approvals:                                  | Process Pl            | an: ML5                            | Date: \2-12-           | U3 Tooling:         |                       | Date:        |              | F             | Run Star      | 171              | R1*                   |
|   | QC:                   |                                    | Date:                  | SPC (Y/N):          | ]                     | Date:        |              |               | Stop          | ` *N             | R2*                   |
| Sequence ID/<br>Work Center II              | )                     | Operation<br>Description           |                        | Set Up/<br>Run Hour | Tool ID               | Tool #       | Plan<br>Code | Accept<br>Qty | Reject<br>Qty | Reject<br>Number | Insp.<br>Stamp        |
| Draw Nbr                                    | Re                    | vision Nbr                         |                        |                     |                       |              |              |               |               |                  |                       |
| D4030                                       | C                     |                                    |                        |                     |                       |              |              |               |               |                  |                       |
| *100 *100* Packaging Packaging              |                       | Pick Kit  Memo                     |                        | 0.00                |                       |              |              | _\X_          |               | (                | 80_3-4-22             |
| *110  *110  HandFinish  Hand Finishing      |                       | Assemble as per dwg  Memo          |                        | 0.00                |                       |              |              |               | φ β           | W 13-            | 4-18-                 |
| 120 *120* QC Quality Control                | + :                   | QC5- Inspect part compl            | eteness to step on W/O | 0.00                | 27<br>27<br>24.18     |              |              |               |               | <del>.</del>     | a sa A commission com |

| NCR: Ye          | s / No                                 |           |           |         | WORK ORDER NON-                | -CON | <b>IFORN</b> | MANCE / UF             | PDATE                  |              |                            |                     |
|------------------|--|-----------|-----------|---------|--------------------------------|------|--------------|------------------------|------------------------|--------------|----------------------------|---------------------|
|                  |  |           |           |         |                                |      |              | -                      |                        | QA Closed:   | Date                       | <u>:</u>            |
| Work Order:      |  |           |           |         | DISPOSITION                    |      |              | -                      | AGAINST DE             | PARTMENT     | _                          |                     |
| Part No          | ).                                     |           |           |         | Rework<br>Scrap                |      | ſ            | Skid-tube Machining    | Crosstube<br>Small Fab | -            | Water Jet<br>d. Eng. Coor. | Engineering Quality |
| NCR No           | )                                      |           |           |         | Use-as-is<br>Work Order Update |      |              | noforming<br>Large Fab | Finishing<br>Composite | Rec/Stor     | re/Packaging<br>Supplier   | Other               |
| Root             |  |           | 1         | Descri  | ption of work order update     | ir   | nitial       | A                      | ction                  | Sign &       |                            |                     |
| Cause            | Date                                   | Step      | Qty       |         | or Non-conformance             | Chi  | ef Eng       | Des                    | cription               | Date         | Verification               | QC Inspector        |
| Doc/Data         |  |           |           |         |                                |      |              |                        |                        |              |                            |                     |
| Equip/Tooling    |  |           |           |         |                                |      |              |                        | -                      |              |                            |                     |
| Operator         |  |           |           |         |                                | -    |              |                        |                        |              |                            |                     |
| Material         | _                                      |           |           |         |                                | 1.   |              |                        |                        |              |                            |                     |
| Setup            | _                                      |           |           |         |                                | '    |              |                        |                        |              |                            |                     |
| Other            |  |           |           |         |                                | ļ    |              |                        |                        |              |                            |                     |
| Process          | _                                      |           | İ         |         |                                |      |              |                        |                        |              |                            |                     |
| Supplier         |  |           | ŀ         |         |                                |      |              |                        |                        |              |                            |                     |
| Training         | _                                      |           |           |         |                                | :    |              |                        |                        |              |                            |                     |
| Unapproved       |  |           |           |         |                                |      |              |                        |                        |              |                            |                     |
|                  |  |           |           |         | <del></del>                    | FAUL | CATE         | GORY                   |                        |              |                            |                     |
| Landing          | Gear                                   |           |           | _       | General                        |      |              |                        |                        | -            | _                          | _                   |
|                  | Bending                                |           |           |         | Bend                           | Ш    | Grain        |                        | <u> </u>               | Ovalized     |                            | Pressure/Forced     |
|                  | Centre No                              | ot Conce  | entric to | o/s     | BOM/Route                      |      | Hardwa       | re                     |                        | Over/Under   | tolerance                  | Temperature/Cure    |
|                  | Cracks                                 |           |           | _       | Broken/Damaged                 | Ш    | Inspecti     | on Incomplete          |                        | Part Incorre | ct                         | Weld                |
|                  | Crushed/                               | Crimped   | d.        | ļ       | Burrs                          | Ш    | Instruct     | ions Incomplete,       | /Unclear               | Part Lost/Mi | issing                     | Wrong Stock Pulled  |
|                  | Cuffs Contamination                    |           |           |         |                                |      |              | nance                  |                        | Part Moved   |                            |                     |
|                  | Heat Treat Countersink                 |           |           |         |                                |      | Mislabe      | led                    |                        | Positioned V | Vrong                      |                     |
|                  | Inspection Strip in Tube Cut Too Short |           |           |         |                                |      | Misread      | I                      |                        | Power Loss/  | Surge                      | Other               |
|                  | Ripples in                             |           |           |         | Drill Holes                    |      | Offset       |                        |                        |              |                            |                     |
|                  | Torque W                               | aves in   | Extrusio  | n       | Drawing                        |      | Out of C     | Calibration            |                        |              |                            |                     |
|                  | Turning S                              | equenc    | е         |         | Finish                         |      | Out of S     | Sequence               |                        |              |                            |                     |
|                  | Wave/Tw                                | ist in Tu | be        |         | Folio                          |      | Outside      | Dimensions             |                        |              |                            |                     |
| H:/FORMS/Quality | y Assurance\a                          | pproved ( | QA/NCRW   | O Rev G |                                |      |              |                        |                        |              |                            |                     |

DQA:

Date:

| <b>Work Ord</b><br>November-30-12  |           |   |                    | *94091*                                  |                           |       |              |               |            |               | Page 2           |                |    |
|--|-----------|---|--------------------|--|---------------------------|-------|--------------|---------------|------------|---------------|------------------|----------------|----|
| Item ID:<br>Revision ID:   | D4030-043 |   |                    | Accept                                   | *N900                     | 040   | 100          | )*            | Setup      | Start<br>Stop | *N:              | S1*            | =- |
| Item Name:<br>Start Date:<br>Required Date:<br>Reference:                | 11/30/12  | Assembly, Light Lid (350)  Start Qty: 1.00  Req'd Qty: 1.00 | *1*<br>*1*         |  | Cust Item II<br>Customer: | D:    |              |               |            |               | "IN              | S2*            |    |
| Approvals:   |           | n:  | Date:              | Tooling: SPC (Y/N):                      |                           | te:   |              | I             | Run        | Start<br>Stop |                  | R1*<br>R2*     |    |
| Sequence ID/<br>Work Center II<br>130<br>*120*<br>Packaging<br>Packaging | D         | Operation Description Identify as per dwg & Stoc Memo       |                    | Set Up/<br>Run Hours<br>0.00<br>9 4 20 8 | Tool ID                   | Tool# | Plan<br>Code | Accept<br>Qty | Rej<br>Qty |               | Reject<br>Number | Insp.<br>Stamp | _  |
| 140<br>*140*<br>OC   |           | QC21- Final Inspection - V                                  | Vork Order Release | 0.00                                     |                           |       |              |               | 17         | 14/           | 220              |                |    |

Quality Control

N 13-04-19

| NCR: Y        | 'es / No                               |                  |          |       |      | WORK ORDER NON-                | CO                     | NFOR     | MANCE / U              | PDATE                  |       |              |                        |        |                    |
|---------------|--|------------------|----------|-------|------|--------------------------------|------------------------|----------|------------------------|------------------------|-------|--------------|------------------------|--------|--------------------|
|               |  |                  |          |       |      |                                |                        |          |                        |                        |       | QA Closed:   | D                      | ate:   |                    |
| Work Orde     | er:                                    |                  |          |       |      | DISPOSITION                    |                        |          |                        | AGAINST                | DE    | PARTMENT,    | PROCESS                |        |                    |
|               |  |                  |          |       | ı    | Rework                         |                        | ŀ        | Skid-tube              | Crosstube              |       |              | Water Je               | t      | Engineering        |
| Part N        | lo                                     |                  |          |       |      | Scrap                          | ╛                      |          | Machining              | Small Fab              |       | 1            | d. Eng. Coor           |        | Quality            |
| NCR N         | lo.                                    |                  | 1        |       |      | Use-as-is<br>Work Order Update | -                      | Thern    | noforming<br>Large Fab | Finishing<br>Composite |       | Rec/Stor     | e/Packaging<br>Supplie |        | Other              |
| NCIVIN        |  |                  |          |       |      | Work Order opdate              |                        |          | carge rab              | composite              |       |              | Supplie                | '<br>- |                    |
| Root          |  |                  |          | Des   | crip | tion of work order update      |                        | Initial  | Д                      | ction                  |       | Sign &       |                        |        |                    |
| Cause         | Date                                   | Step             | Qt       | /     | 0    | r Non-conformance              | Cl                     | nief Eng | Des                    | scription              |       | Date         | Verification           | on     | QC Inspector       |
| Doc/Data      |  |                  |          |       |      | !<br>                          |                        |          |                        |                        |       |              |                        |        |                    |
| Equip/Tooling |  |                  |          |       |      |                                | -                      |          |                        |                        |       |              |                        |        |                    |
| Operator      |  |                  | :        | İ     |      |                                |                        |          |                        |                        |       |              |                        |        |                    |
| Material      |  |                  |          |       |      |                                |                        |          |                        |                        |       |              |                        |        |                    |
| Setup         |  |                  |          |       |      |                                |                        |          |                        |                        |       |              |                        |        |                    |
| Other         |  |                  |          |       |      | 1                              | '                      |          |                        |                        |       |              |                        |        |                    |
| Process       |  |                  |          |       |      |                                |                        |          |                        |                        |       |              |                        |        |                    |
| Supplier      |  |                  |          |       |      |                                | Ì                      |          |                        |                        |       |              |                        |        |                    |
| Training      |  |                  |          |       |      | !                              |                        |          |                        |                        |       |              |                        |        |                    |
| Unapproved    |  |                  |          |       |      |                                | 1.                     |          |                        |                        |       |              |                        |        | -                  |
|               |  |                  |          |       |      | F                              | AUI                    | LT CATE  | GORY                   |                        |       |              |                        |        |                    |
| Landir        | ng Gear                                |                  |          |       |      | General                        |                        | _        |                        |                        |       |              |                        |        |                    |
|               | Bending                                |                  |          |       |      | Bend                           |                        | Grain    |                        |                        |       | Ovalized     |                        | L      | Pressure/Forced    |
|               | Centre N                               | ot Conc          | entric t | o O/S |      | BOM/Route                      |                        | Hardwa   | re                     |                        |       | Over/Under   | tolerance              |        | Temperature/Cure   |
|               | Cracks                                 |                  |          |       |      |                                |                        | Inspecti | ion Incomplete         |                        |       | Part Incorre | ct                     |        | Weld               |
|               | Crushed/                               | ed/Crimped Burrs |          |       |      |                                |                        | Instruct | ions Incomplete        | e/Unclear              |       | Part Lost/Mi | ssing                  |        | Wrong Stock Pulled |
| .[            | Cuffs                                  | fs Contamination |          |       |      |                                | Maintenance Part Moved |          |                        |                        |       |              |                        |        |                    |
| [             | Heat Treat Countersink                 |                  |          |       |      | Mislabeled                     |                        |          | Positioned V           | Vrong                  |       | _            |                        |        |                    |
|               | Inspection Strip in Tube Cut Too Short |                  |          |       |      | Misread Power Loss/Surge Other |                        |          |                        |                        | Other |              |                        |        |                    |
| [             | Ripples in Bend Drill Holes            |                  |          |       |      | Offset                         |                        |          |                        |                        |       |              |                        |        |                    |
| [             | Torque Waves in Extrusion Drawing      |                  |          |       |      |                                | Out of Calibration     |          |                        |                        |       |              |                        |        |                    |

Out of Sequence

Outside Dimensions

DQA:

Date: \_

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Turning Sequence

Wave/Twist in Tube

Finish

Folio

## **Picklist Print**

November-30-12 8:38:20 AM

Work Order ID:

94091

Parent Item:

D4030-043

Parent Item Name:

Long Basket Assembly, Light Lid (350)

**Start Date:** 11/30/12

Required Date: 12/14/12

Page 1

Start Qty: 1.00

Required Qty: 1.00

**Comments:** 

IPP Rev:A new issue DD 10.03.23 verified by:EC

IPP Rev:B as per dwg revB DD IPP Rev:C added NAS1149F0332P & NAS1149C0432R 10.06.16

10.04.20 verified by:EC DD VERF:EC

IPP Rev:D as per dwg revC DD

10.08.18 verified by:EC

|                                      | 10.08.18 verified b    | oy:EC         |             |                     |                  |                 |                    |                |             |                          |               |                |                  |
|--------------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------------------|---------------|----------------|------------------|
| Component Item ID/<br>Item Name      | Replacement<br>Item ID | Mfg/<br>Purch | Bin<br>Item | Primary<br>Location | Last<br>Location | Route<br>Seq ID | Unit of<br>Measure | Qty on<br>Hand | Qty per Kit | Total<br>Qty             | Qty<br>Issued | Date<br>Issued | Status           |
| D2530<br>Handle Weldment             |                        | Manufactured  | No          | ,                   |                  | 100             | Each               | 10.0000        | 1           | 1                        | B86           | 369            | SP               |
|                                      |                        |               |             | Location            |                  | Loc Qty         | <u>La</u>          | oc Code        |             |                          |               | (              | 100.             |
|                                      |                        |               |             | ST255               |                  | 8               |                    |                |             |                          | 1             |                |                  |
|                                      |                        |               |             | 9212                | 9                | 3               |                    |                |             | ·                        |               |                |                  |
|                                      |                        |               |             | 9279                | 9                | 5               |                    |                |             |                          | •             |                |                  |
|                                      |                        |               |             | ST506               |                  | 2               |                    |                | <u> </u>    |                          | *             |                |                  |
| •                                    |                        |               |             | 8289                | 5                | 1               |                    |                |             | The second second second |               |                |                  |
|                                      |                        |               |             | 8342                | 3                | 1               |                    |                |             |                          |               |                |                  |
| D2535                                |                        | Manufactured  | No          |                     |                  | 100             | Each               | 106.0000       | 2           | 2                        | CO            |                |                  |
| Spring                               |                        |               |             |                     |                  |                 |                    |                |             | <u> </u>                 | -A            | ·              |                  |
|                                      |                        |               |             | <b>Location</b>     |                  | Loc Qty         | <u>La</u>          | oc Code        |             |                          |               |                |                  |
|                                      |                        |               |             | ST011               |                  | 106             |                    |                |             |                          |               |                |                  |
|                                      |                        |               |             | 8354                | 5                | 3               |                    |                |             |                          |               |                |                  |
|                                      |                        |               |             | 8633                | 3                | 53              |                    |                |             |                          |               |                |                  |
|                                      |                        |               |             | 9257                | 0                | 50              |                    |                |             | -Ax                      |               | ~ -            |                  |
| D2537                                |                        | Manufactured  | No          |                     |                  | 100             | Each               | 68.0000        | 2           | 2                        | R             | 17             | 11 20            |
| Bushing                              |                        |               |             |                     |                  |                 |                    |                | -           |                          |               |                | 1-0A             |
|                                      |                        |               |             | <b>Location</b>     |                  | Loc Qty         | <u>La</u>          | oc Code        |             |                          |               | /3.            | (1-5X)<br>-(1-)= |
|                                      |                        |               |             | ST012               |                  | 68              |                    |                |             |                          |               | 10             | / //             |
|                                      |                        |               |             | 8550                | 4                | 26              |                    |                |             |                          |               |                |                  |
|                                      |                        |               |             | 8686                |                  | 2               |                    |                |             |                          |               |                |                  |
|                                      |                        | •.            |             | 8752                | 4                | 40              |                    |                |             |                          |               |                |                  |
| D3913-041<br>Long Basket Base Assemb | y, 350                 | Manufactured  | No          | 940                 | 240              | 100             | Each               | 0.0000         | 1           | / 1                      |               | 13-4           | 1-18.            |
| D3915-041<br>Light Lid Assemby, Long | Basket                 | Manufactured  | No          | 940                 | 58               | 100             | Each               | 0.0000         | 1           | 1                        | BL            | 13-4-          | 18.              |

| NCR: Y        | es / No    |                                      |             |         | WORK ORDER NON-            | CONI               | FORN     | MANCE / UP                     | DATE       |              |               |                    |
|---------------|------------|--------------------------------------|-------------|---------|----------------------------|--------------------|----------|--------------------------------|------------|--------------|---------------|--------------------|
|               |            |                                      |             |         |                            |                    |          |                                |            | QA Closed:   | Date          |                    |
| Work Orde     | r:         |                                      |             | , , , , | DISPOSITION                |                    |          |                                | AGAINST DE | PARTMENT     | PROCESS       |                    |
|               |            |                                      |             |         | Rework                     | ] [                |          | Skid-tube                      | Crosstube  |              | Water Jet     | Engineering        |
| Part N        | lo         |                                      |             |         | Scrap                      | ] [                | ſ        | Machining                      | Small Fab  | 4            | d. Eng. Coor. | Quality            |
|               |            |                                      |             |         | Use-as-is                  | ]                  |          | noforming                      | Finishing  | Rec/Stor     | e/Packaging   | Other              |
| NCR N         | 0          |                                      | <del></del> |         | Work Order Update          | ╛╏                 |          | Large Fab                      | Composite  | ]            | Supplier      |                    |
| Root          |            |                                      |             | Descri  | ption of work order update | Ini                | itial    | Act                            | ion        | Sign &       |               |                    |
| Cause         | Date       | Step                                 | Qty         |         | or Non-conformance         | Chie               | f Eng    | Descr                          | iption     | Date         | Verification  | QC Inspector       |
| Doc/Data      |            |                                      |             |         |                            |                    |          |                                |            |              |               | ·                  |
| Equip/Tooling |            |                                      |             |         |                            |                    |          |                                |            |              |               |                    |
| Operator _    |            |                                      |             |         | 1                          |                    |          |                                |            |              |               |                    |
| Material      |            |                                      |             |         |                            |                    |          |                                |            |              |               |                    |
| Setup         |            |                                      |             |         |                            |                    |          |                                |            |              |               |                    |
| Other         |            |                                      |             |         |                            |                    |          |                                |            |              |               |                    |
| Process       |            |                                      | Ì           |         |                            |                    |          |                                |            |              |               |                    |
| Supplier      |            |                                      |             |         |                            |                    |          |                                | •          |              |               |                    |
| Training      |            |                                      |             |         |                            |                    |          |                                |            |              | :             |                    |
| Unapproved    |            |                                      |             |         |                            |                    |          | ·                              |            |              |               |                    |
|               |            |                                      |             |         | F                          | AULT               | CATE     | GORY                           |            |              |               |                    |
| Landin        | ig Gear    |                                      |             | _       | General                    | <del></del> 1      |          |                                |            | <b>-</b> 1   | _             |                    |
|               | Bending    |                                      |             | ļ       | Bend                       |                    | Grain    |                                |            | Ovalized     | <u> </u>      | Pressure/Forced    |
|               | Centre N   | ot Conce                             | entric to   | o/s     | BOM/Route                  | Н                  | lardwa   | re                             |            | Over/Under   | tolerance     | Temperature/Cure   |
|               | Cracks     |                                      |             |         | Broken/Damaged             |                    | nspecti  | on Incomplete                  |            | Part Incorre | ct            | . Weld             |
|               | Crushed,   | Crimped                              | d,          |         | Burrs                      | <u> </u>  '        | nstruct  | ions Incomplete/U              | Jnclear    | Part Lost/Mi | ssing         | Wrong Stock Pulled |
|               | Cuffs      | ĺ                                    |             |         | Contamination              | <u></u>            | ∕lainte  | nance                          |            | Part Moved   |               |                    |
|               | Heat Tre   | at                                   |             |         | Countersink                | \                  | ∕Iislabe | led                            |            | Positioned V | Vrong         |                    |
|               | Inspection | spection Strip in Tube Cut Too Short |             |         |                            |                    |          | Misread Power Loss/Surge Other |            |              |               |                    |
| Ī             | Ripples i  | ples in Bend Drill Holes             |             |         |                            |                    |          |                                | _          |              |               |                    |
| Ī             | Torque V   | Vaves in                             | Extrusion   | n 「     | Drawing                    |                    | Out of C | Calibration                    |            |              |               |                    |
| ſ             | Turning !  | Seguenco                             | e           |         | Finish                     | Out of Sequence    |          |                                |            |              |               |                    |
| Ī             | Wave/Tv    | vist in Tu                           | ıbe         |         | Folio                      | Outside Dimensions |          |                                |            |              |               |                    |

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

DQA: Date:

| Work Order ID:               | 94091                                 |    |                 |         |      |          |                   |                         |
|------------------------------|---------------------------------------|----|-----------------|---------|------|----------|-------------------|-------------------------|
| Parent Item:                 | D4030-043                             |    |                 |         |      | Sta      | rt Date: 11/30/12 | Required Date: 12/14/12 |
| Parent Item Name:            | Long Basket Assembly, Light Lid (350) |    |                 |         |      | Sta      | art Qty: 1.00     | Required Qty: 1.00      |
| <b>D3917-3</b> Washer        | Manufactured                          | No |                 | 100     | Each | 83.0000  | 6                 | 6 B94(4/3 St            |
|                              |                                       |    | Location        | Loc Qty |      | Loc Code |                   | , , , = 51              |
|                              |                                       |    | ST072           | 83      |      |          |                   | _                       |
|                              |                                       |    | 88370           | 23      |      |          |                   | _                       |
|                              |                                       |    | 92514           | 60      |      |          |                   | _                       |
| D3953-3                      | Manufactured                          | No |                 | 100     | Each | 41.0000  | 2                 | 2 00111/1/1             |
| Gas Spring Stud, Lid         |                                       |    |                 |         |      |          |                   | - 1914 1948             |
|                              |                                       |    | Location        | Loc Qty |      | Loc Code |                   |                         |
|                              |                                       |    | GA              | 1       |      |          |                   |                         |
|                              |                                       |    | 87592           | 1       |      |          |                   | _                       |
|                              |                                       |    | ST076           | 40      |      |          |                   |                         |
|                              |                                       |    | 88494           | 26      |      |          |                   | _                       |
|                              |                                       |    | 89337           | 14      |      |          |                   |                         |
| D3953-7                      | Manufactured                          | No |                 | 100     | Each | 45.0000  | 2                 | 2 29/1/00               |
| Spring Spacer                |                                       |    |                 |         |      |          |                   | 2 B 94 69 Sf            |
|                              | •                                     |    | Location        | Loc Qty |      | Loc Code |                   | , ( 4 0 , DI            |
|                              |                                       |    | ST076           | 45      |      |          |                   |                         |
|                              |                                       |    | 87444           | 9       |      |          |                   | _                       |
|                              |                                       |    | 88393           | 24      |      |          |                   | <del></del>             |
|                              |                                       |    | 89248           | 12      |      |          |                   | _                       |
| D3953-9<br>Gas Spring Washer | Manufactured                          | No | ·               | 100     | Each | 39.0000  | 2                 | 394719 88               |
|                              |                                       |    | <b>Location</b> | Loc Oty |      | Loc Code | ·                 |                         |
|                              |                                       |    | ST076           | 39      |      |          |                   |                         |
|                              | •                                     |    | 88462           | 9       |      |          |                   | _                       |
|                              |                                       |    | 89307           | 30      |      |          |                   | -                       |
| D3953-17 Gas Spring Spacer   | Manufactured                          | No |                 | 100     | Each | 45.0000  | 2<br>/X           | 394578° 00              |
|                              |                                       |    | Location        | Loc Oty |      | Loc Code |                   | 07                      |
|                              |                                       |    | ST077           | 45      |      |          |                   | 13-4-1.                 |
|                              |                                       |    | 88281           | 21      |      |          |                   | _                       |
|                              |                                       |    | 90190           | 24      |      |          |                   | _                       |
|                              |                                       |    | × 69180         |         |      |          | <del></del>       | _                       |

| NCR:           | Yes                   | / No                                   | •              |         | 1        |         | WORK ORDER NON-             | COI  | VFOR           | MANCE / UF      | PDATE      |              |               |  |
|----------------|-----------------------|--|----------------|---------|----------|---------|-----------------------------|------|----------------|-----------------|------------|--------------|---------------|--|
|                |                       |  |                |         |          |         |                             |      |                |                 |            | QA Closed:   | Date          | e:                                     |
| Work Ord       | ler:                  |  |                |         |          |         | DISPOSITION                 |      |                |                 | AGAINST DE | PARTMENT     | /PROCESS      |  |
| WOIN OIL       |                       |  |                | +       |          |         | Rework                      |      | 1              | Skid-tube       | Crosstube  | ]            | Water Jet     | Engineering                            |
| Part           | No.                   |  |                |         |          |         | Scrap                       |      | 1              | Machining       | Small Fab  | Pro          | d. Eng. Coor. | Quality                                |
|                |                       |  |                |         |          |         | Use-as-is                   |      | Thern          | noforming       | Finishing  | Rec/Stor     | re/Packaging  | Other                                  |
| NCR            | No.                   |  |                |         |          |         | Work Order Update           |      |                | Large Fab       | Composite  | ]            | Supplier      |  |
|                |                       | •                                      |                | $\perp$ |          |         |                             | 1    |                |                 |            |              |               |  |
| Root           |                       | _                                      |                |         |          |         | iption of work order update | - 1  | Initial        | I               | ction      | Sign &       | ., ., .,      |  |
| Cause          | 1                     | Date                                   | St             | ep.     | Qty      |         | or Non-conformance          | Cr   | nief Eng       | Des             | cription   | Date         | Verification  | QC Inspector                           |
| Doc/Data       | -                     |  |                |         | '        |         |                             |      |                |                 |            |              |               |  |
| Equip/Tooling  | ·                     | -                                      |                |         |          |         |                             |      |                |                 |            | 1            | ,             |  |
| Operator       | $\vdash$              |  |                |         |          |         |                             | '    |                |                 |            |              | •             |  |
| Material       | -                     |  |                |         |          |         |                             |      |                |                 |            |              |               | ·                                      |
| Setup<br>Other | -                     | -                                      |                |         |          |         |                             |      |                |                 |            |              |               |  |
| Process        |                       | 1                                      |                |         |          |         |                             |      |                |                 |            |              |               | ļ                                      |
| Supplier       | $\vdash$              | 1                                      |                |         |          |         |                             |      |                |                 |            |              |               |  |
| Training       |                       | 1                                      |                |         |          |         |                             |      |                |                 |            |              |               |  |
| Unapproved     | -                     | 1                                      |                |         |          |         |                             |      |                |                 |            |              |               |  |
|                | 1                     | 1                                      |                |         | <u> </u> |         |                             | FAUL | T CATE         | GORY            |            | <b>L</b>     | <u> </u>      | ······································ |
| Land           | ing (                 | Gear                                   |                |         |          |         | General                     | - :  |                |                 |            |              |               |  |
|                |                       | Bending                                |                |         |          |         | Bend                        |      | Grain          |                 |            | Ovalized     | ſ             | Pressure/Forced                        |
|                |                       | Centre No                              | ot Co          | ncer    | ntric to | o/s     | BOM/Route                   |      | Hardwa         | re              |            | Over/Under   | tolerance     | Temperature/Cure                       |
|                |                       | Cracks                                 |                |         |          |         | Broken/Damaged              |      | Inspect        | ion Incomplete  |            | Part Incorre | ct [          | Weld                                   |
|                | Crushed/Crimped Burrs |  |                |         |          |         | Burrs                       |      | Instruct       | ions Incomplete | /Unclear   | Part Lost/M  | issing        | Wrong Stock Pulled                     |
|                |                       | Cuffs                                  |                |         |          |         | Contamination               | L    | Mainte         | enance          |            | Part Moved   |               |  |
|                | L                     | Heat Trea                              | at Countersink |         |          |         |                             |      | Mislabe        | eled            |            | Positioned V | Vrong         |  |
|                |                       | Inspection Strip in Tube Cut Too Short |                |         |          |         |                             | L    | Misread        | t               |            | Power Loss/  | Surge         | Other                                  |
|                |                       | Ripples in                             | - 1            |         |          |         | Drill Holes                 |      | Offset         |                 |            |              |               |  |
|                | L                     | Torque W                               | - 1            |         |          | n _     | Drawing                     | _    | -{             | Calibration     |            |              |               |  |
| 1              |                       | Turning S                              | 1              |         |          |         | Finish                      | -    | <del>-</del> i | Sequence        |            |              |               |  |
|                |                       | Wave/Tw                                | ist ir         | 1 Tuk   | e ·      |         | Folio                       | 1:   | Outside        | Dimensions      | ·          |              |               |  |
| H:/FORMS/Qu    | ality                 | Assurance\a                            | pprø           | ved Q   | A/NCRW   | O Rev G |                             |      |                |                 |            |              |               |  |

DQA:

Date:

| Work Order ID:                 | 94091                              |      |                 |         |      |          |   |                         |
|--------------------------------|------------------------------------|------|-----------------|---------|------|----------|---|-------------------------|
| Parent Item:                   | D4030-043                          |      |                 |         |      | Start D  | ate: 11/30/12                           | Required Date: 12/14/12 |
| Parent Item Name:              | Long Basket Assembly, Light Lid (3 | 350) |                 |         |      | Start (  | <b>Qty:</b> 1.00                        | Required Qty: 1.00      |
| D3953-19<br>Gas Spring Bracket | Manufacture                        | d No |                 | 100     | Each | 24.0000  | 1                                       | 1                       |
|                                |                                    |      | Location        | Loc Qty |      | Loc Code |   |                         |
|                                |                                    |      | ST077           | 24      |      |          |   |                         |
|                                |                                    |      | 82938           | 1       |      |          |   |                         |
|                                |                                    |      | 88269           | 7       |      | •        |   |                         |
|                                |                                    |      | 92819           | 16      |      |          | /X_                                     | <u></u>                 |
| D3953-21<br>Gas Spring Bracket | Manufacture                        | d No |                 | 100     | Each | 13.0000  | 1                                       | B941465P                |
|                                |                                    |      | Location        | Loc Qty |      | Loc Code |   |                         |
|                                |                                    |      | ST077           | 13      |      |          |   |                         |
|                                |                                    |      | 85759           | 13      |      |          |   | <del></del>             |
| D3969-3<br>Spring (Basket Lid) | Manufacture                        | d No | 63737           | 100     | Each | 25.0000  | 1                                       | 1 %                     |
| opg (Subilet Elle)             |                                    |      | <u>Location</u> | Loc Qty |      | Loc Code |   | •                       |
|                                |                                    |      | ST262           | 25      |      |          |   |                         |
|                                |                                    |      | 64285           | 1       |      |          |   | <del>_</del>            |
|                                |                                    |      | 82942           | 4       |      |          |   | <del></del>             |
|                                |                                    |      | 91844           | 20      |      |          |   | <del>/</del>            |
| A 76 TO 11 4 A                 |                                    | No   | 71044           | 100     | Each | 193.0000 | 1—————————————————————————————————————— |                         |
| AN3-14A<br>Bolt                | Purchased                          | NO   |                 | 100     | Each | 193.0000 | 7                                       | <u> </u>                |
| Jon                            |                                    |      | <u>Location</u> | Loc Qty |      | Loc Code |   | 01                      |
|                                |                                    |      | ST352           | 193     |      |          |   |                         |
|                                |                                    |      | 122800          | 93      |      |          |   | <del></del>             |
|                                |                                    |      | 123759          | 100     |      |          | 4.4                                     | <del></del>             |
| . NO 204                       |                                    | No   | 123737          | 100     | Each | 100.0000 | , <del>( ^</del>                        | 2                       |
| AN3-20A                        | Purchased                          | NO   |                 | 100     | Each | 100.0000 | 2                                       | C-12-4-1+               |
| Bolt                           |                                    |      |                 |         |      |          |   | 871                     |
|                                |                                    |      | <b>Location</b> | Loc Oty |      | Loc Code |   |                         |
|                                |                                    |      | ST352           | 100     |      |          |   |                         |
|                                |                                    |      | 117441          | 100     |      |          | $\overline{\lambda}$                    | <u>×</u>                |
|                                |                                    |      |                 |         |      |          |   |                         |

| DQA:Date:  TE  QA Closed: Date:   |
|---|
| QA Closed: Date:  AGAINST DEPARTMENT/PROCESS  |
| Crosstube Water Jet Engineering Small Fab Prod. Eng. Coor. Quality Finishing Rec/Store/Packaging Other Supplier                                       |
| Sign & OC Inspector   |
|   |
|   |
| Ovalized Pressure/Forced Temperature/Cure Part Incorrect Weld Part Lost/Missing Wrong Stock Pulled Part Moved Positioned Wrong Power Loss/Surge Other |
|   |

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| Work Order ID:        | 94091            |                        |    |                 |         |      |                                       |                  |         | 4 1 6                   |
|-----------------------|------------------|------------------------|----|-----------------|---------|------|---------------------------------------|------------------|---------|-------------------------|
| Parent Item:          | D4030-043        |                        |    |                 |         |      | Start I                               | Date: 11/30/12   |         | Required Date: 12/14/12 |
| Parent Item Name:     | Long Basket Asse | embly, Light Lid (350) |    |                 |         |      | Start                                 | <b>Qty:</b> 1.00 |         | Required Qty: 1.00      |
| AN4-12<br>Bolt        |                  | Purchased              | No |                 | 100     | Each | 81.0000                               | 3                | 3       | 80                      |
|                       |                  |                        |    | Location        | Loc Qty |      | Loc Code                              |                  |         |                         |
|                       |                  |                        |    | ST356           | 81      |      |                                       |                  |         |                         |
|                       |                  |                        |    | 118626          | 1       |      |                                       |                  |         |                         |
|                       |                  |                        |    | 121652          | 1       |      |                                       |                  |         |                         |
|                       |                  |                        |    | 122800          | 79      |      |                                       |                  | 5 X     |                         |
| AN5-17A<br>Bolt       |                  | Purchased              | No |                 | 100     | Each | 180.0000                              | 2                | 2       | m 124805 Sp.            |
|                       |                  |                        |    | Location        | Loc Qty |      | Loc Code                              |                  |         |                         |
|                       |                  |                        |    | GA              | 34      |      |                                       |                  |         |                         |
|                       | •                |                        |    | 117872          | 34      |      |                                       |                  |         |                         |
|                       |                  |                        |    | ST337           | 146     |      |                                       |                  |         |                         |
|                       |                  |                        |    | 121181          | 4       |      |                                       |                  |         |                         |
|                       |                  |                        |    | 122151          | 6       |      |                                       |                  |         |                         |
|                       |                  |                        |    | 122416          | 50      |      |                                       |                  |         |                         |
|                       |                  |                        |    | 122800          | 26      |      |                                       |                  |         |                         |
|                       |                  |                        |    | 123831          | 60      |      |                                       |                  |         |                         |
| AN5-21A<br>Bolt       | <i>t</i>         | Purchased              | No |                 | 100     | Each | 26.0000                               | 2                | 2       | 58                      |
|                       |                  |                        |    | <b>Location</b> | Loc Qty |      | Loc Code                              |                  |         | -                       |
|                       |                  |                        |    | ST337           | 26      |      |                                       |                  |         |                         |
|                       |                  |                        |    | 114714          | 10      |      |                                       | $\overline{z}$   | <u></u> |                         |
|                       |                  |                        |    | 122993          | 6       |      |                                       |                  |         |                         |
|                       |                  |                        |    | 123831          | 10      |      |                                       |                  |         |                         |
| <b>AN310-4</b><br>NUT |                  | Purchased              | No |                 | 100     | Each | 54.0000                               | 3                | 3       | MBYZZI                  |
|                       |                  |                        | •  | <b>Location</b> | Loc Qty |      | Loc Code                              |                  |         | Sola II M               |
|                       |                  |                        |    | ST342           | 54      |      | · · · · · · · · · · · · · · · · · · · |                  |         | 00-10-1-17              |
|                       |                  |                        |    | 121349          | 2       |      |                                       | -                |         | ·                       |
| *                     |                  |                        |    | 122800          | 52      |      |                                       |                  |         |                         |
|                       |                  |                        |    |                 | -       |      |                                       |                  |         | •                       |

| NCK: Y        | es / No                  |            |           |        | WORK ORDER NON-                | CONFOR   | AIVIAINCE / OF      | DATE                   | QA Closed:   | Date                       | :                   |
|---------------|--------------------------|------------|-----------|--------|--------------------------------|----------|---------------------|------------------------|--------------|----------------------------|---------------------|
| Work Orde     | er:                      |            | · · ·     |        | DISPOSITION                    |          |                     | AGAINST DE             | PARTMENT     | /PROCESS                   |                     |
| Part N        |                          |            |           |        | Rework<br>Scrap                |          | Skid-tube Machining | Crosstube Small Fab    | Pro          | Water Jet<br>d. Eng. Coor. | Engineering Quality |
| NCR N         | lo.                      |            |           |        | Use-as-is<br>Work Order Update | The      | moforming Large Fab | Finishing<br>Composite | Rec/Sto      | re/Packaging<br>Supplier   | Other               |
| Root          |                          |            |           | Descri | ption of work order update     | Initial  | Ad                  | ction                  | Sign &       |                            |                     |
| Cause         | Date                     | Step       | Qty       |        | or Non-conformance             | Chief En | g Desc              | cription               | Date         | Verification               | QC Inspector        |
| Doc/Data      |                          |            |           |        |                                |          |                     |                        |              | İ                          |                     |
| Equip/Tooling |                          |            |           |        |                                |          |                     |                        |              |                            |                     |
| Operator      |                          |            |           |        |                                |          |                     |                        |              |                            |                     |
| Material      |                          |            |           |        |                                |          |                     |                        |              | ,                          |                     |
| Setup         |                          |            |           |        | !                              |          |                     |                        |              |                            |                     |
| Other         |                          |            |           |        |                                |          |                     |                        |              |                            |                     |
| Process       |                          |            |           |        | ·                              |          |                     |                        |              |                            |                     |
| Supplier      |                          |            |           |        |                                |          |                     |                        |              |                            |                     |
| Training      |                          |            |           |        |                                |          |                     |                        |              |                            |                     |
| Unapproved    |                          |            |           |        |                                | <u> </u> |                     |                        |              |                            |                     |
|               |                          |            |           |        | F                              | AULT CAT | EGORY               |                        |              |                            |                     |
| Landin        | ng Gear                  |            |           |        | General                        |          |                     |                        | <b>-</b>     | · <del></del>              | <b>-</b>            |
|               | Bending                  |            |           |        | Bend                           | Grain    |                     | `                      | Ovalized     | _                          | Pressure/Forced     |
| L             | Centre No                | ot Conce   | entric to | o/s    | BOM/Route                      | Hardv    | vare                |                        | Over/Under   | tolerance                  | Temperature/Cure    |
| L             | Cracks                   |            |           |        | Broken/Damaged                 | Inspe    | tion Incomplete     | L                      | Part Incorre | ct                         | Weld                |
|               | Crushed/0                | Crimped    | l.        |        | Burrs                          | Instru   | ctions Incomplete,  | /Unclear               | Part Lost/M  | issing                     | Wrong Stock Pulled  |
|               | Cuffs                    |            |           |        | Contamination                  | Main     | tenance             |                        | Part Moved   |                            |                     |
| . [           | Heat Trea                | t          |           |        | Countersink                    | Misla    | peled               |                        | Positioned \ | Wrong                      | <b>.</b>            |
| [             | Inspection               | n Strip ir | n Tube    |        | Cut Too Short                  | Misre    | ad                  |                        | Power Loss,  | /Surge                     | Other               |
|               | Ripples in               | Bend       |           |        | Drill Holes                    | Offset   |                     |                        |              |                            |                     |
|               | Torque W                 | aves in    | Extrusio  | n [    | Drawing                        | Out o    | f Calibration       |                        |              |                            |                     |
|               | Turning S                | equence    | 9         |        | Finish                         | Out o    | f Sequence          |                        |              |                            |                     |
|               | Wave/Twist in Tube Folio |            |           |        |                                | Outsi    | de Dimensions       |                        |              |                            |                     |

DQA: Date:

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| Work Order ID:       | 94091                                 |    |          |          |         |      |            |               |                         |
|----------------------|---------------------------------------|----|----------|----------|---------|------|------------|---------------|-------------------------|
| Parent Item:         | D4030-043                             |    |          |          |         |      | Start D    | ate: 11/30/12 | Required Date: 12/14/12 |
| Parent Item Name:    | Long Basket Assembly, Light Lid (350) |    |          |          |         |      | Start (    | Qty: 1.00     | Required Qty: 1.00      |
| <b>AN310C4</b> Nut   | Purchased                             | No |          |          | 100     | Each | 95.0000    | 2             | 2 m D 4 2 2 1 50        |
|                      |                                       |    | Location | <u>1</u> | Loc Oty |      | Loc Code   |               | •                       |
|                      |                                       |    | ST343    |          | 95      |      |            |               |                         |
|                      |                                       |    |          | 120360   | 1       |      |            |               |                         |
|                      |                                       |    |          | 121166   | 1       |      |            |               |                         |
|                      |                                       |    |          | 122800   | 13      |      |            |               |                         |
|                      |                                       |    |          | 122993   | 50      |      | •          |               |                         |
|                      |                                       |    |          | 123831   | 30      |      |            | ~             |                         |
| <b>MS21042L3</b> Nut | Purchased                             | No |          |          | 100     | Each | 1,411.0000 | 6             | 6m by 291 8P            |
|                      |                                       |    | Location | <u>n</u> | Loc Qty |      | Loc Code   |               |                         |
|                      |                                       |    | ST300    |          | 225     |      |            |               | •                       |
|                      |                                       |    |          | 117885   | 32      |      |            |               | _                       |
|                      |                                       |    |          | 119017   | 55      |      |            |               |                         |
|                      |                                       |    |          | 119075   | 138     |      |            |               |                         |
|                      |                                       |    | ST314    |          | 748     |      |            |               | <u>'</u>                |
|                      |                                       |    |          | 122141   | 197     |      |            |               |                         |
|                      |                                       |    |          | 123265   | . 551   |      |            |               |                         |
|                      |                                       |    | ST315    |          | 438     |      |            |               | <u></u>                 |
|                      |                                       |    |          | 122452   | 438     |      |            |               |                         |
| MS21042L5            | Purchased                             | No |          |          | 100     | Each | 951.0000   | 4             | 4 M/225 an              |
| Nut                  |                                       |    |          |          |         |      |            |               |                         |
|                      |                                       |    | Location | n        | Loc Oty |      | Loc Code   |               | 4 M/23900<br>Sp 13-4-17 |
| •                    |                                       |    | ST300    |          | 105     |      |            |               | 00174//                 |
|                      |                                       |    | 5.000    | 116105   | 1       |      |            |               | <del></del>             |
|                      |                                       |    |          | 116548   | 43      |      |            |               |                         |
|                      |                                       |    |          | 119109   | 20      |      |            |               |                         |
| ,                    |                                       |    |          | 121652   | 29      |      |            |               | <del>_</del>            |
|                      |                                       |    |          | 2937     | 12      |      |            |               |                         |
|                      |                                       |    | ST314    |          | 846     |      |            |               |                         |
|                      |                                       |    |          | 108827   | 4       |      |            | <del></del> , |                         |
|                      |                                       |    |          | 122452   | 842     |      |            |               | <u> </u>                |
|                      |                                       |    |          |          |         |      |            |               |                         |

|   |  |          |     |                              |  |                                  |  | •             | DQA:  | Date:                     |                                       |  |  |  |
|---|--|----------|-----|------------------------------|--|----------------------------------|--|---------------|---|---------------------------|---------------------------------------|--|--|--|
| NCR: Yes  | s / No   |          |     |                              | WORK ORDER NON-C                               | CONFO                            | RMANCE / UPI   | DATE          | QA Closed:  | Date:                     |                                       |  |  |  |
|   |  |          |     |                              | DISPOSITION                                    |                                  | AGAINST DEPARTMENT/PROCESS                             |               |   |                           |                                       |  |  |  |
| Work Order:  Part No.   |  |          |     | Rework<br>Scrap<br>Use-as-is | The  | Skid-tube  Machining ermoforming | Crosstube<br>Small Fab<br>Finishing                    | -1            | Water Jet d. Eng. Coor. re/Packaging  | Engineering Quality Other |                                       |  |  |  |
| NCR No.   | •  |          |     |                              | Work Order Update                              | ]                                | Large Fab  | Composite     | ]   | Supplier                  | J                                     |  |  |  |
| Root<br>Cause   | Date   | Step     | Qty | •                            | tion of work order update                      | Initia<br>Chief E                | }  | ion<br>iption | Sign &<br>Date  | Verification              | QC Inspector                          |  |  |  |
| Doc/Data Equip/Tooling Operator Material Setup Other Process Supplier Training Unapproved |  |          |     |                              |  |                                  |  |               |   |                           |                                       |  |  |  |
|   |  |          |     |                              | F  | AULT CA                          | TEGORY   | ·             |   |                           |                                       |  |  |  |
| Landing   | Landing Gear  Bending  Centre Not Concentric to O/S  Cracks  |          |     |                              | General<br>Bend<br>BOM/Route<br>Broken/Damaged | Insp                             | lware<br>ection Incomplete                             |               | Ovalized<br>Over/Under<br>Part Incorred   | ct                        | Pressure/Forced Temperature/Cure Weld |  |  |  |
|   | Cuffs<br>Heat Trea   | at Treat |     |                              | Burrs Contamination Countersink Cut Too Short  | Mai                              | uctions Incomplete/U<br>ntenance<br>abeled<br>ead      | Jnclear       | Part Lost/Missing Wrong Stock Pulled Part Moved Positioned Wrong Power Loss/Surge Other |                           |                                       |  |  |  |
|   | Inspection Strip in Tube Ripples in Bend Torque Waves in Extrusion Turning Sequence Wave/Twist in Tube |          |     |                              | Drill Holes<br>Drawing<br>Finish<br>Folio      | Out                              | et<br>of Calibration<br>of Sequence<br>side Dimensions |               |   |                           |                                       |  |  |  |

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| Work Order ID:            | 94091                       |           |    |          |         |      |                 |                |   |   |
|---------------------------|-----------------------------|-----------|----|----------|---------|------|-----------------|----------------|---|---|
| Parent Item:              | D4030-043                   |           |    |          |         |      | Start I         | Date: 11/30/12 |   | Required Date: 12/14/12                 |
| Parent Item Name:         | Long Basket Assembly, Light | Lid (350) |    |          |         |      | Start Qty: 1.00 |                |   | Required Qty: 1.00                      |
| MS24665-151<br>Cotter Pin | Purchas                     | sed       | No |          | 100     | Each | 223.0000        | 3              | 3 | SP                                      |
|                           |                             |           |    | Location | Loc Oty |      | Loc Code        |                |   | $\bigcirc$ $\backslash$                 |
|                           |                             |           |    | ST323    | 223     |      |                 |                |   |   |
|                           |                             |           |    | 122802   | 149     |      |                 |                | X |   |
|                           |                             |           |    | 17566    | 74      |      |                 |                |   |   |
| MS24665-300<br>Cotter Pin | Purchas                     | sed       | No |          | 100     | Each | 73.0000         | 2              | 2 | m pusss go                              |
|                           |                             |           |    | Location | Loc Qty |      | Loc Code        |                |   | •                                       |
|                           |                             |           |    | GA       | 69      |      |                 |                |   |   |
|                           |                             |           |    | 118234   | 69      |      |                 |                |   |   |
|                           |                             |           |    | ST299    | 4       |      |                 |                |   |   |
|                           |                             |           |    | 116823   | 4       |      |                 |                |   |   |
| NAS1149F0432P<br>Washer   | Purchas                     | sed .     | No |          | 100     | Each | 186.0000        | 6              | 6 | m 123900 St                             |
|                           |                             |           |    | Location | Loc Qty |      | Loc Code        |                |   |   |
|                           |                             |           |    | ST295    | 186     |      |                 |                |   |   |
|                           |                             |           |    | 121350   | 15      |      |                 |                |   | •                                       |
|                           |                             |           |    | 122151   | 13      |      |                 |                |   |   |
|                           |                             |           |    | 123522   | 158     |      |                 |                |   |   |
| NAS1149F0563P             | Purcha                      | sed       | No |          | 100     | Each | 810.0000        | 4              | 4 | 00-4-17                                 |
| Washer                    |                             |           |    |          |         |      |                 |                | / | A 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
|                           |                             |           |    | Location | Loc Qty |      | Loc Code        |                |   |   |
|                           |                             |           |    | ST295    | 810     |      |                 |                |   |   |
|                           |                             |           |    | 121350   | 810     |      |                 | \              |   |   |
|                           |                             |           |    |          |         |      |                 |                |   |   |

|                   |                              |            |          |          | !  |  |                           |            | DQA:         | Date:        |                    |
|-------------------|------------------------------|------------|----------|----------|--|--|---------------------------|------------|--------------|--------------|--------------------|
| NCR: Y            | es / No                      |            |          |          | WORK ORDER NON-C                         | CONFOR                                     | MANCE / UP                | DATE       |              | <del></del>  |                    |
|                   |                              |            |          | ,        |  | <b>.</b>                                   |                           |            | QA Closed:   | Date:        |                    |
| Work Orde         | er:                          |            |          |          | DISPOSITION                              |  |                           | AGAINST DE | PARTMENT     | /PROCESS     |                    |
| Part No.  NCR No. |                              |            |          |          | Rework Scrap Use-as-is Work Order Update | Skid-tube  Machining  moforming  Large Fab | Engineering Quality Other |            |              |              |                    |
| Root              |                              | T   "      | T        | Descrip  | otion of work order update               | Initial                                    | Ac                        | tion       | Sign &       |              |                    |
| Cause             | Date                         | Step       | Qty      | О        | Non-conformance                          | Chief En                                   | Desc                      | ription    | Date         | Verification | QC Inspector       |
| Doc/Data          |                              | 1.         |          |          |  | ,  |                           |            |              |              |                    |
| Equip/Tooling     |                              | 1          |          |          |  |  |                           |            |              |              |                    |
| Operator [        |                              |            |          |          |  |  |                           |            |              |              |                    |
| Material          |                              |            |          |          |  |  |                           |            |              |              |                    |
| Setup             |                              |            |          |          |  |  |                           |            |              |              |                    |
| Other             |                              |            |          |          |  |  |                           |            |              |              |                    |
| Process           |                              |            |          |          |  |  |                           |            |              |              |                    |
| Supplier          |                              |            |          |          |  |  |                           |            |              |              |                    |
| Training          |                              |            |          |          | 1  |  |                           |            |              |              |                    |
| Unapproved        |                              |            |          |          |  |  |                           |            |              |              |                    |
|                   | <del></del>                  | •          |          | •        | ; F.                                     | AULT CAT                                   | EGORY                     |            | *            |              |                    |
| Landir            | ng Gear                      |            |          |          | General                                  |  |                           |            |              |              |                    |
|                   | Bending                      |            |          |          | Bend                                     | Grain                                      |                           |            | Ovalized     |              | Pressure/Forced    |
|                   | Centre Not Concentric to O/S |            |          |          | BOM/Route                                | Hardw                                      | are                       |            | Over/Under   | tolerance    | Temperature/Cure   |
|                   | Cracks                       |            |          |          | Broken/Damaged                           | Inspec                                     | tion Incomplete           |            | Part Incorre | ct           | Weld               |
|                   | Crushed                      | /Crimped   | <b>.</b> |          | Burrs                                    | Instru                                     | ctions Incomplete/        | 'Unclear   | Part Lost/M  | issing       | Wrong Stock Pulled |
|                   | Cuffs                        |            |          | <u> </u> | Contamination                            | Maint                                      | enance                    |            | Part Moved   | <del></del>  | <b>-</b>           |
|                   | Heat Tre                     | at         |          |          | Countersink                              | Mislat                                     | eled                      |            | Positioned \ | Vrong        |                    |
| ŀ                 | Inspection                   | on Strip i | n Tube   |          | Cut Too Short                            | Misre                                      | ad                        |            | Power Loss/  | _            | Other              |
| Ì                 | Ripples i                    | ı          |          |          | Drill Holes                              | Offset                                     |                           |            | <b>-</b>     |              | •                  |

Out of Calibration

Out of Sequence

Outside Dimensions

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Turning Sequence

Wave/Twist in Tube

Torque Waves in Extrusion

Drawing

Finish

Folio

| Work Order ID:          | 94091                                 |                 |                |                             |                         |
|-------------------------|---------------------------------------|-----------------|----------------|-----------------------------|-------------------------|
| Parent Item:            | D4030-043                             |                 |                | <b>Start Date:</b> 11/30/12 | Required Date: 12/14/12 |
| Parent Item Name:       | Long Basket Assembly, Light Lid (350) |                 |                | Start Qty: 1.00             | Required Qty: 1.00      |
| NAS1149F0332P<br>WASHER | Purchased                             | No              | 100 Each 88    | 86.0000 8                   | 8 m 123900 Sp.          |
|                         |                                       | <b>Location</b> | Loc Oty Loc Co | <u>lode</u>                 | ·                       |
|                         |                                       | ST295           | 886            |                             | _                       |
|                         |                                       | 117735          | 13             |                             | _                       |
|                         |                                       | 119225          | 8              |                             | <del>_</del>            |
|                         |                                       | 121259          | 41             |                             | _                       |
|                         |                                       | 121825          | 14             |                             | _                       |
|                         |                                       | 122063          | 600            |                             | <del>_</del>            |
|                         |                                       | 122441          | 7              |                             | _                       |
|                         |                                       | 123352          | 200            |                             | _                       |
|                         |                                       | 17317           | 3              |                             | _                       |
| NAS1149C0432R<br>Washer | Purchased                             | No              | 100 Each 3,    | ,822.0000 <b>2</b>          | 3-4-17,                 |
|                         |                                       | <b>Location</b> | Loc Qty Loc C  | <u>Code</u>                 |                         |
|                         |                                       | ST292           | 3822           |                             | _                       |
|                         |                                       | 117291          | 40             |                             | _                       |
|                         |                                       | 119124          | 652            |                             | _                       |
|                         |                                       | 121255          | 130            |                             | _                       |
|                         |                                       | 122441          | 3000           | 2x                          | _                       |

|   |   |                              |     |        |   |                             |   |  | DQA:             | Date:  |                           |
|---|---|------------------------------|-----|--------|---|-----------------------------|---|--|------------------|--|---------------------------|
| NCR: Y  | es / No   |                              |     |        | WORK ORDER NON-   | -CONFC                      | RMANCE / UF   | PDATE  |                  |  |                           |
|   |   |                              |     |        |   |                             |   |  | QA Closed:       | Date:  |                           |
| Work Orde   | er:   |                              |     |        | DISPOSITION   |                             |   | AGAINST DE   | PARTMENT         | /PROCESS   |                           |
| Part N<br>NCR N   | lo  |                              |     |        | Rework<br>Scrap<br>Use-as-is<br>Work Order Update                                   | Th                          | Skid-tube Crosstube Machining Small Fab Thermoforming Finishing Large Fab Composite |  |                  | Water Jet d. Eng. Coor. re/Packaging Supplier                  | Engineering Quality Other |
| Root  |   |                              |     | Descri | ption of work order update  | Initia                      | I A   | ction  | Sign &           |  |                           |
| Cause   | Date  | Step                         | Qty | . (    | or Non-conformance  | Chief E                     | ng Des  | cription   | Date             | Verification   | QC Inspector              |
| Doc/Data Equip/Tooling Operator Material Setup Other Process Supplier Fraining Unapproved |   |                              |     |        |   |                             |   |  |                  |  |                           |
|   | <u>-</u>  |                              |     |        |   | FAULT CA                    | TEGORY  |  | <del></del>      |  |                           |
| Landin  | Bending Centre N Cracks Crushed, Cuffs Heat Tre | Crimped<br>at<br>on Strip in | l.  | o/s    | General Bend BOM/Route Broken/Damaged Burrs Contamination Countersink Cut Too Short | Insp<br>Inst<br>Mai<br>Misl | lware ection Incomplete ructions Incomplete ntenance abeled read                    | Ovalized Over/Under Part Incorre Part Lost/M Part Moved Positioned V | ct sissing Vrong | Pressure/Forced Temperature/Cure Weld Wrong Stock Pulled Other |                           |
| 1   | Ripples ii                                      | n Bend                       |     |        | Drill Holes   | Offs                        | et  |  |                  |  |                           |

Out of Calibration

Out of Sequence

Outside Dimensions

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Turning Sequence

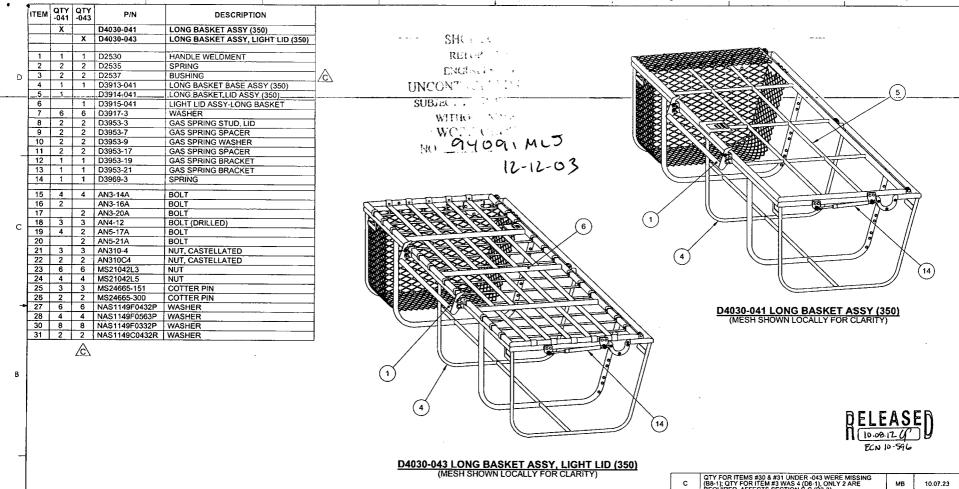
Wave/Twist in Tube

Torque Waves in Extrusion

Drawing

Finish

Folio



1) MATERIAL: N/A

2) FINISH: NONE 2) FINISH: NONE 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED 4) UNITS: INCHES UNLESS OTHERWISE NOTED 5) BREAK SHARP EDGES: N/A

6) IDENTIFICATION: N/A
7) WEIGHT: -041: 72 ibs APPROX

-043: 57 lbs APPROX

QTY FOR ITEMS #30 & #31 UNDER -043 WERE MISSING (B8-1); QTY FOR ITEM #3 WAS 4 (D6-1), ONLY 2 ARE REQUIRED, AFFECTS SECTION C-C (D3-3). ₿ AN5-21A BOLT WAS AN5-19A: BOM & (D3-3) JPH 10.04.06 A NEW ISSUE 10.03.16 JPH REV. DESCRIPTION BY DATE DESIGN DART AEROSPACE LTD DRAWN HAWKESBURY, ONTARIO, CANADA DRAWING NO. CHECKED REV. C D4030 MFG, APPR. SHEET 1 OF 3 APPROVED TITLE SCALE LONG BASKET\_ASSY (350) DE APPR. COPYRIGHT © 2010 BY DART AEROSPACE LTD
IS PRIVATE AND COMPOSITION, AND IS SUPPLED ON THE DOPRESS CONDITION OF THE PRIVATE AND COMPOSITION OF THE PRIVATE AN DATE

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10.07.23

